

2020 Census Post Collection Processing

ID	Task Name	Baseline Start	Baseline Finish	Actual Start	Actual Finish	Previous Status	Status	Comments
1 End of Data Collection Operation								
1a	Last day of CQA	Thu 10/15/20	Thu 10/15/20	Thu 10/15/20	Thu 10/15/20			
1b	Last day of ISR	Thu 10/15/20	Thu 10/15/20	Thu 10/15/20	Thu 10/15/20			
1c	Last day of NRFU	Thu 10/15/20	Thu 10/15/20	Thu 10/15/20	Thu 10/15/20			
1d	Scanning/keying of paper form responses complete	Mon 3/9/20	Tue 10/27/20	Mon 3/9/20	Tue 10/27/20			
2 End of NRFU Delivery								
2a	Close out Remaining Open Cases in Field Operation Control System (FOCS)	Thu 10/15/20	Thu 10/15/20	Thu 10/15/20	Thu 10/15/20			
2b	NRFU Reinterview Clerical Review & Fail File Delivery	Wed 7/8/20	Fri 10/30/20	Wed 7/8/20	Thu 10/29/20			
2c	Self Response Quality Assurance (SRQA) Results & Delivery to Census Data Lake (CDL)	Tue 7/7/2020	Mon 11/2/20	Tue 7/7/2020	Mon 11/2/20			
3 NON-ID Clerical Result Finalization								
3a	CDL Receive all Clerical Match Results for all Housing Units	Thu 3/12/20	Tue 10/27/20	Thu 3/12/20	Wed 10/28/20			
3b	CDL Send Non-ID Response to Decennial Response Processing System (DRPS)	Sun 3/15/20	Wed 10/28/20	Sun 3/15/20	Thu 10/29/20			
3c	One time send of Group Quarter (GQ) Usual Home Elsewhere (UHE) Results from Unlinked Individual Census Questionnaires (Paper) to Master Address File/Topologically Integrated Geographic Encoding & Referencing System (MAFTIGER)	Mon 10/19/20	Mon 10/19/20	Mon 10/19/20	Mon 10/19/20			

Legend	
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3d	CDL Receive GQ UHE Results for Unlinked Individual Census Questionnaires (Paper) from MAFTIGER	Tue 10/20/20	Tue 10/20/20	Tue 10/20/20	Wed 10/21/20			
3e	CDL Receives all UHE Non-ID Results	Thu 3/12/20	Tue 10/27/20	Thu 3/12/20	Tue 10/27/20			
4 CDL Response Processing								
4a	Processing NRFU Responses	Wed 7/1/20	Sat 10/17/20	Wed 7/1/20	Tue 10/20/20			
4b	Processing Paper Form Responses	Mon 3/9/20	Tue 10/27/20	Mon 3/9/20	Tue 10/27/20			
4c	Processing CQA-ISR Form Responses	Thu 3/12/20	Thu 10/15/20	Thu 3/12/20	Thu 10/15/20			
4d	Processing CQA-Coverage Improvement (CI) Form Responses	Wed 4/22/20	Thu 10/15/20	Wed 4/22/20	Thu 10/15/20			
4e	Processing CQA Closed Case Dispositions	Fri 10/16/20	Fri 10/16/20	Fri 10/16/20	Fri 10/16/20			
4f	Processing ISR Form Responses	Thu 3/12/20	Sat 10/17/20	Thu 3/12/20	Tue 10/20/20			
4g	Processing Automated Tracking and Control (ATAC) Form Responses	Thu 6/25/20	Tue 10/27/20	Thu 6/25/20	Tue 10/27/20			
4h	Processing Group Quarters (GQ) e-Responses	Tue 1/21/20	Fri 9/25/20	Tue 1/21/20	Fri 9/25/20			
5 CDL delivery to Decennial Response Processing System (DRPS)								
5a	CDL Last daily send to DRPS before to End of Operations	Tue 10/20/20	Tue 10/20/20	Tue 10/20/20	Tue 10/20/20			
5b	CDL Response Data Reconciliation before End of Operation Process	Sat 10/17/20	Tue 10/20/20	Thu 10/15/20	Tue 10/20/20			
5c	CDL Last daily send to DRPS after End of Operations	Wed 10/28/20	Wed 10/28/20	Wed 10/28/20	Thu 10/29/20			
5d	DRPS Ingests Response Data after End of Operations	Thu 10/29/20	Thu 10/29/20	Thu 10/29/20	Thu 10/29/20			
5e	DRPS Response Data Reconciliation after End of Operation	Fri 10/30/20	Fri 10/30/20	Thu 10/29/20	Fri 10/30/20			

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6 All Operational Delivery Address Updates (ADDUP)								
6a	Non-ID ADDUP	Sun 9/27/20	Sun 9/27/20	Sun 9/27/20	Sun 9/27/20			
6b	NRFU ADDUP	Sun 9/27/20	Sun 9/27/20	Sun 9/27/20	Sun 9/27/20			
6c	Self Response Non-ID ADDUP	Sun 9/27/20	Sun 9/27/20	Sun 9/27/20	Sun 9/27/20			
6d	NRFU FV ADDUP	Wed 9/2/20	Wed 9/2/20	Wed 9/2/20	Wed 9/2/20			
6e	Update Leave ADDUP	Mon 8/17/20	Mon 8/17/20	Mon 8/17/20	Mon 8/17/20			
6f	Update Enumerate ADDUP	Thu 9/3/20	Thu 9/3/20	Thu 9/3/20	Thu 9/3/20			
6g	Remote Alaska ADDUP	Thu 9/3/20	Thu 9/3/20	Thu 9/3/20	Thu 9/3/20			
6h	GQ ADDUP	Wed 9/23/20	Wed 9/23/20	Wed 9/23/20	Wed 9/23/20			
6i	GQ Enumeration ADDUP	Fri 9/11/20	Fri 9/11/20	Fri 9/11/20	Fri 9/11/20			
6j	GQ Maritime Vessel Enumeration ADDUP	Fri 9/4/20	Fri 9/4/20	Fri 9/4/20	Fri 9/4/20			
6k	GQ Advance Contact ADDUP	Thu 9/10/20	Thu 9/10/20	Thu 9/10/20	Thu 9/10/20			
6l	Enumeration at Transitory Locations (ETL) ADDUP	Mon 10/26/20	Mon 10/26/20	Sun 10/25/20	Sun 10/25/20			
7 Geographic Processing								
7a	Master Address File/Topologically Integrated Geographic Encoding & Referencing System (MAFTIGER) Creates Non-ID Feedback Table (NIFT) and Master Address File Extract (MAFX)	Wed 10/14/20	Wed 10/28/20	Wed 10/14/20	Tue 10/27/20			
7b	Receive NIFT files from MAFTIGER	Wed 10/21/20	Wed 10/21/20	Wed 10/21/20	Wed 10/21/20			
7c	Delivery of Collection MAFX from MAFTIGER	Wed 10/21/20	Wed 10/28/20	Wed 10/21/20	Tue 10/27/20			
7d	ETL NIFT Delivery to CDL	Mon 11/16/20	Mon 11/16/20	Wed 11/11/20	Wed 11/11/20			
8 CDL End of Operations Processing								
8a	Final Non ADDUP Response Processing	Wed 10/21/20	Fri 10/23/20	Tue 10/20/20	Fri 10/23/20			
8b	Final ADDUP Response Processing	Sat 10/24/20	Tue 10/27/20	Fri 10/23/20	Wed 10/28/20			

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9 Decennial Response File (DRF) 1 Creation								
9a	Receive and ingest NRFU Reinterview Fail File	Fri 10/30/20	Sun 11/1/20	Fri 10/30/20	Sat 10/31/20			
9b	Nationwide Duplicate Person Identification (DPI) Master Address File Identifier (MAFID) Links Delivery	Fri 10/16/20	Fri 10/16/20	Fri 10/16/20	Fri 10/16/20			
9c	Control and Response Data System (CaRDS) receives and ingests MAFX	Thu 10/22/20	Wed 10/28/20	Thu 10/21/20	Wed 10/28/20			
9d	CaRDS creates and reviews Collection Sample Delivery File (SDF)	Thu 10/29/20	Mon 11/2/20	Thu 10/29/20	Thu 10/29/20			
9e	Collection SDF Delivery	Mon 11/2/20	Mon 11/2/20	Thu 10/29/20	Thu 10/29/20			
9f	DRF1 Creation and processing	Tue 11/3/20	Tue 11/24/20	Tue 11/3/20				
9g	Ingest and Load Special GQs	Tue 11/3/20	Tue 11/3/20	Tue 11/3/20	Tue 11/3/20			
9h	Load Nationwide Duplicate Person Identification (DPI) file	Wed 11/4/20	Wed 11/4/20	Wed 11/4/20	Wed 11/4/20			The file aids the resolution of duplication among addresses during DRF1 processing.
9i	Execute final daily load of DRF1	Thu 11/5/20	Thu 11/5/20	Fri 11/6/20	Fri 11/6/20			Loading final response data into DRF1 tables to verify validity of the records.
9j	Prepare final DRF1 processing (Fix DRF1 data as defined by sponsors DSSD and POP)	Thu 11/5/20	Fri 11/6/20	Fri 11/6/20	Fri 11/6/20			Executed software to fix data issues found in review of response data.
9k	Tier 1 DRF1-state files delivery to Population Division (POP) and Decennial Statistical Studies Division (DSSD) complete	Tue 11/10/20	Tue 11/10/20	Tue 11/10/20	Fri 11/13/20			State based processing started 9am on 11/10. The delayed start was a result of anomalies identified on 11/7. 1. Coverage improvement anomaly resolved on 11/8. 2. Homelessness anomaly resolved on 11/14.

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9l	Tier 2 DRF1-state files delivery to POP/DSSD complete	Wed 11/11/20	Wed 11/11/20	Wed 11/11/20	Fri 11/13/20			
9m	Tier 3 DRF1-state files delivery to POP/DSSD complete	Fri 11/13/20	Fri 11/13/20	Fri 11/13/20	Sun 11/15/20			
9n	Tier 4 DRF1-state files delivery to POP/DSSD complete	Sat 11/14/20	Sat 11/14/20	Sun 11/15/20				Delayed processing due to late completion of Tier 3. Delivery expected on 11/16.
9o	Tier 5 DRF1-state files delivery to POP/DSSD complete	Sun 11/15/20	Sun 11/15/20					DP
9p	Tier 6 DRF1-state files delivery to POP/DSSD complete	DP						
9q	POP/DSSD completed review of DRF1-state files							
9r	POP/DSSD review complete via Review Complete Memo							

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10 Decennial Response File (DRF) 2 Creation								
10a	CDL delivery SRQA Results to DRPS	Wed 11/4/20	Wed 11/4/20	Tue 11/3/20	Tue 11/3/20			Input to creation of DRF2. The file identifies possible self responses to be included in the census. DP
10b	Nationwide Matching results file Delivery to CDL	Thu 10/29/20	Thu 10/29/20	Thu 10/29/20	Thu 10/29/20			
10c	Nationwide Matching results file Delivery to DRPS	Fri 10/30/20	Sat 10/31/20	Fri 10/30/20	Fri 10/30/20			Input needed for DRF2. The file is used to conduct PSA in formulating the housing unit of record to be represented in the census. DP
10d	Primary Selection Algorithm Across Housing Unit Matching Input Delivery	Mon 11/9/20	Mon 11/9/20	Mon 11/9/20	Mon 11/9/20			Input parameters to conduct PSA (10f) DP
10e	Primary Selection Algorithm Across Group Quarters Matching Input Delivery	Mon 11/9/20	Mon 11/9/20	Mon 11/9/20	Mon 11/9/20			Input parameters to conduct PSA (10f) DP
10f	DRF2 Creation & Processing	DP						Final DRF1 State files serve as input to DRF2.
10g	All DRF2 state files delivery to POP/DSSD Complete							
10h	POP/DSSD review of all Tier 1 DRF2-state files [test states] complete							
10i	POP/DSSD review of all remaining DRF2-state files complete							

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11 Census Unedited File (CUF) Creation								
11a	2020 Race and Ethnicity Coding Master Output File Delivery	DP						
11b	Housing Unit Status and Count Imputation File Delivery	Sun 9/6/20	Sun 9/6/20	Sun 9/6/20	Sun 9/6/20			DP
11c	CDL delivery of Undeliverable As Addressed (UAA) Processing File to DRPS	DP						
11d	CUF Creation & Processing							
11e	Tier 1 CUF-state files delivery to POP/DSSD complete							
11f	Tier 2 CUF-state files delivery to POP/DSSD complete							
11g	Tier 3 CUF-state files delivery to POP/DSSD complete							
11h	Tier 4 CUF-state files delivery to POP/DSSD complete							
11i	Tier 5 CUF-state files delivery to POP/DSSD complete							
11j	Tier 6 CUF-state files delivery to POP/DSSD complete							
11k	POP/DSSD completed review of CUF-state files							
11l	POP/DSSD review complete via Review Complete Memo							

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ID	Task Name	Baseline Start	Baseline Finish	Actual Start	Actual Finish	Previous Status	Status	Comments
12.1 Input files needed for Apportionment (needed for 12.2 and 12.3)								
12.1.a	Create MAFID State Change (MISC) file							
12.1.a.1	Tabulation Benchmark Geocoding	Fri 11/6/20	DP	Fri 11/6/20				
12.1.a.2	Tabulation Benchmark complete Geocoding QC and associated Data Fixes	Fri 11/6/20		Fri 11/6/20				
12.1.a.3	Tabulation Benchmark Run Validate Topology/Final Data Edits, and Run Map spot Numbers	DP						
12.1.a.4	Tabulation Benchmark Creation							
12.1.a.5	Tabulation Benchmark Import							
12.1.a.6	Create and QC MAFID State Change (MISC) file							
12.1.a.7	Delivery of MAFID State Change (MISC) file							MISC input file not incorporated until 12/28.
12.1.b	Create Enumeration at Transitory Locations (ETL) population count file							
12.1.b.1	Create initial Enumeration at Transitory Locations (ETL) population count file	Mon 11/16/20	DP	Mon 11/16/20				
12.1.b.2	Deliver initial Enumeration at Transitory Locations (ETL) population count file	DP						
12.1.b.3	Review initial Enumeration at Transitory Locations (ETL) population count file							
12.1.b.4	Delivery of final Enumeration at Transitory Locations (ETL) population count file							ETL input file not incorporated until 12/28.

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12.1.c	Create Federally-Affiliated Count Overseas file							
12.1.c.1	Collecting counts of overseas personnel	Wed 4/1/20	DP	Wed 4/1/20	Tue 11/10/20			
12.1.c.2	Delivery of initial version of Federally-Affiliated Count Overseas file	Mon 12/7/20	Mon 12/7/20	Tue 11/10/20	Tue 11/10/20			
12.1.c.3	Review of initial version of Federally-Affiliated Count Overseas file	Tue 12/8/20	Mon 12/14/20	Tue 11/10/20	Thu 11/12/20			
12.1.c.4	Delivery of final Federally-Affiliated Count Overseas file	Mon 12/14/20	Mon 12/14/20	Fri 11/13/20	Fri 11/13/20			DP
12.1.d	Delivery of Unauthorized Immigrants in ICE Detention Centers Enumerated in the Census	DP						
12.1.e	Unauthorized Immigrants in ICE Detention Centers Enumerated in the Census Finalized							
12.1.f	Delivery of the Final Census Unedited File (CUF)							

DP

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DP								
12.3.a	DP							
12.3.b								
12.3.b.1								
12.3.b.2								
12.3.b.3								
12.3.b.4								
12.3.b.5								
12.3.b.6								
12.3.c								
12.3.d								
12.3.e								

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Critical Path Tasks

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7a	Master Address File/Topologically Integrated Geographic Encoding & Referencing System (MAFTIGER) Creates Non-ID Feedback Table (NIFT) and Master Address File Extract (MAFX)	Wed 10/14/20	Wed 10/28/20	
7c	Delivery of Collection MAFX from MAFTIGER	Wed 10/21/20	Wed 10/28/20	
9c	Control and Response Data System (CaRDS) receives and ingests MAFX	Thu 10/22/20	Wed 10/28/20	
9d	CaRDS creates and reviews Collection Sample Delivery File (SDF)	Thu 10/29/20	Mon 11/2/20	
9e	Collection SDF Delivery	Mon 11/2/20	Mon 11/2/20	
9f	DRF1 Creation and processing	DP		
10f	DRF2 Creation & Processing			
11d	CUF Creation & Processing			
11l	POP/DSSD review complete via Review Complete Memo			
12.2.d	POP Delivers Final Apportionment Tables to CQAS, PIO, CNMP, GEO			
12.2.g	DOC Delivers Apportionment Counts to President (U.S.C. Article 1, Section 2)			
12.3.b	DP			
12.3.e				

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